

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 100

Station: A7

Date (UTC): 2019 05 23

Start Time (UTC): 05:17

Station Depth: 104

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	92	HS								✓		
2	92	WS										
3	80	HS								✓		
4	80	WS										
5	60	HS	0	290						✓		
6	60	WS										
7	40	HS	Y	290						✓		
8	40	WS										
9	30	HS	⌋	290			648	539	✓	✓	✓	
10	30	WS										
11	20	HS	B	290						✓		
12	20	WS										
13	10	HS	P	290						✓		
14	10	WS										
15	surf	HS	G	290	290	290/290	649	548	✓	✓	✓	
16	surf	WS										
17												
18												
19												
20												
21												
22												
23												
24												

Comments:

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 101

Station: AG

Date (UTC): 2014 05 23

Station Depth: 89

Start Time (UTC): 26:30

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	78	HS								✓		
2	78	WS										
3	60	HS	Y	290						✓		
4	60	WS										
5	40	HS	O	290						✓		
6	40	WS										
7	25	HS	≈	290			650	539	✓	✓	✓	
8	25	WS										
9	20	HS	B	290						✓		
10	20	WS										
11	10	HS	P	290						✓		
12	10	WS										
13	surf	HS	G	290	290	290/290	651	548	✓	✓	✓	
14	surf	WS										
15	surf	+										
16												
17												
18												
19												
20												
21												
22												
23												
24												

Comments: _____

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 102

Date (UTC): 20190523

Station Depth: 32

Station: A5

Start Time (UTC): 10:23

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	70	H ₂ W								✓		
2	70	+										
③	44	H ₂ W	Y	290						✓		
4	44	DL										
5	44	DL										
6	44	+										
⑦	29	H ₂ W	≈	290			652	539	✓	✓	✓	
8	29	DL										
9	29	DL										
10	29	+										
⑪	18	H ₂ W	O	290						✓		
12	18	+										
⑬	13	H ₂ W	B	290						✓		
14	13	+										
⑮	6	H ₂ W	P	290						✓		
16	6	DL										
17	6	DL										
18	6	+										
⑰	surf	H ₂ W	G	290	290	290/290	653	548	✓	✓	✓	
20	surf	ZIS										
21	surf	+										
22												
23												
24												

Comments: _____

Sosik Lab - Sampling Sheet

Cruise: RBI904

Cast: 103

Station: NS4

Date (UTC): 2019 05 23

Station Depth: 319

Start Time (UTC): 23:20

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	302									✓		
2	250									✓		
3	200									✓		
4	150									✓		
5	120	ZS								✓		
6	100	ZS								✓		
7	100	WS								✓		
8	80	ZS HS	<input type="checkbox"/>	290						✓		
9	80	WS										
10	60	ZS HS	blue	290						✓		
11	52	HS WS	orange	290	290		654	+532 548+535 1615	✓	✓	✓	
12	40	ZS HS	red green	290				548+510 1058	✓	✓		
13	40	WS										
14	30	WS HS	purple	290	290		655	548+510 1058	✓	✓		
15	20	WS										
16	20	ZS HS	red	290	290		656	525+535 1060	✓	✓	✓	
17	10	CP										
18	10	CP										
19	10	WS										
20	10	HS	W	290	290		657	539+2 1078	✓	✓		
21	surf											
22		DC										
23		WS										→ picked off three zooplankton
24	↓	ZS HS	green	290	290	290 290	658	544+2 1096	✓	✓	✓	

Comments: frontal water, on the edge of the eddy

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 105

Station: NS3

Date (UTC): 2019 05 24

Station Depth: 151

Start Time (UTC): 0338

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	140									✓		
2	120									✓		
3	100	WS										
4	100	ZS								✓		
5	80	WS										
6	80	ZS								✓		
7	60	WS										
8	60	ZS HS	red	290						✓		
9	40	WS										
10	40	ZS HS	yellow	290						✓		
11	26	WS										
12	26	ZS HS	M	290			659	539	✓	✓	✓	
13	26	DC										
14	20	ZS HS								✓		
15	20	WS										
16	10	ZS HS	blue	290						✓		
17	10	WS										
18	surf	ZS HS	green	290	290	290/290	660	548	✓	✓	✓	
19		WS										
20												
21												
22												
23												
24	↓	DC										

Comments:

start at 659

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 106

Station: FWZ

Date (UTC): 2019 05 24

Start Time (UTC): 05:02

Station Depth: 199

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	187	HS								✓		
2	148	HS								✓		
3	120	HS								✓		
4	100	HS, ZS								✓		
5	100	WS										
6	80	HS, ZS	R	290						✓		
7	80	WS										
8	60	HS, ZS	○	290						✓		
9	60	WS										
10	40	HS, ZS	Y	290						✓		
11	40	WS										
12	30	HS, ZS	B	290						✓		
13	30	WS										
14	16	HS	≈	290			661	539	✓	✓	✓	
15	16	DC										
16	16	WS										
17	10	HS	P	290						✓		
18	10	WS										
19	surf	HS, ZS	G	290	290	290/290	662	548	✓	✓	✓	
20	surf	DC										
21	surf	WS										
22												
23												
24												

Comments:

Sosik Lab - Sampling Sheet

663

Cruise: RB1904

Cast: 107

Station: N35

Date (UTC): 2019 05 24

Start Time (UTC): 07:08

Station Depth: 447

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	300	HS								✓		
2	250	HS								✓		
3	200	HS								✓		
4	150	HS								✓		
5	120	HS								✓		
6	100	HS, ZS								✓		
7	100	WS										
8	80	HS, ZS								✓		
9	80	WS										
10	60	HS, ZS	Y	290						✓		
11	60	WS										
12	40	HS, ZS	O	290						✓		
13	40	WS										
14	30	HS	B	290						✓		
15	30	WS										
16	20	HS, ZS	≈	290			663	539	✓	✓	✓	
17	20	WS										
18	20	DL										
19	20	+										
20	10	HS	P	290						✓		
21	10	WS										
22	surf	HS, ZS	G	290	290	290/290	664	548	✓	✓	✓	
23	surf	WS										
24	surf	DL										

Comments:

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 100

Station: NS6

Date (UTC): 2019 05 24

Start Time (UTC): 08:57

Station Depth: 770 665

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	300	HS								✓		
2	250	HS								✓		
3	200	HS								✓		
4	150	HS								✓		
5	120	HS								✓		
6	100	HS, ZS								✓		
7	100	WS										
8	80	HS, ZS								✓		
9	80	WS										
(10)	60	HS, ZS	Y	290						✓		
11	60	WS										
(12)	40	HS, ZS	O	290						✓		
13	40	WS										
(14)	30	HS, WS	B	290						✓		
(15)	20	HS, ZS	W	290			665	539	✓	✓	✓	
16	20	WS										
17	20	JT										
18	20	JT										
19	20	DC										
20	20	+										
(21)	10	HS, WS	P	290						✓		
(22)	surf	HS, ZS	G	290	290	200/290	666	548	✓	✓	✓	
23	↓	WS										
24	↓	DC										

Comments:

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 110

Station: A18

Date (UTC): 2019 05 24

Start Time (UTC): 13:12

Station Depth: 2285

Niskin	Depth	Lab	Tape Color	Chl a Vol Filtr	Chl b Vol Filtr	Chl<10 Vols Filtr	HPLC ID	HPLC Vol Filtr	FCM (F/R)	Nut	IFCB	Comments
1	300	HS								✓		
2	250	HS								✓		
3	200	HS								✓		
4	150	HS								✓		
5	120	HS								✓		
6	100	HS								✓		
7	100	WS										
8	80	HS								✓		
9	80	WS										
10	60	HS	0	290						✓		
11	60	WS										
12	40	HS	b	290						✓		
13	40	WS										
14	33	HS	≡	290			6107	539	✓	✓	✓	
15	33	WS										
16	33	CS										
17	20	HS	P	290						✓		
18	20	WS	y									
19	10	HS	y	290						✓		
20	10	WS										
21	surf	HS	9	290	290	290/290	6608	548	✓	✓	✓	
22		WS										
23		CS										
24	∨	+										

Comments:

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 111

Station: A17

Date (UTC): 2019 05 24

Station Depth: 2122

Start Time (UTC): 14:40

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	300	HS								✓		
2	250	HS								✓		
3	200	HS								✓		
4	150	HS								✓		
5	120	HS								✓		
6	100	HS								✓		
7	100	WS										
8	80	HS								✓		
9	80	WS										
⑩	60	HS	Y	290						✓		
11	60	WS										
⑫	40	HS	O	290						✓		
13	40	WS										
⑭	30	HS	B	290						✓		
15	30	WS										
⑮	25	HS	W	290			669	539	✓	✓	✓	
17	25	WS										
18	25	CS										
⑰	10	HS	P	290						✓		
20	10	WS										
⑳	surf	HS	G	290	290	290 290	670	548	✓	✓	✓	
22	surf	WS										↳ A leaked a little
23	surf	CS										
24	surf	+										

Comments:

Sosik Lab - Sampling Sheet

Cruise: RBI904

Cast: 112

Station: A16

Date (UTC): 2019 05 24

Station Depth: 2037

Start Time (UTC): 16:46

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	300									✓		
2	250									✓		
3	200									✓		
4	150									✓		
5	120									✓		
6	100	WS								✓		
7	80	WS										
8	80									✓		
9	60	WS										
10	60									✓		
11	40	WS										
12	40	HS	orange	290						✓		
13	30	WS										
14	30	HS	yellow	290						✓		
15	25	WS										
16	25	HS	m	290			671	539	✓	✓	✓	
17	25	DC										
18	10	HS	purple	290						✓		
19	10	WS										
20	surf											
21		DC										
22												
23		WS										
24	↓	2S HS	green	290	290	290/290	672	548	✓	✓	✓	

Comments:

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 113

Station: A15

Date (UTC): 20190524

Start Time (UTC): 18:10

Station Depth: 1115

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	300									✓		
2	250									✓		
3	200									✓		
4	150									✓		
5	120									✓		
6	100	WS								✓		
7	80	WS										
8	80									✓		
9	60	WS										
10	60	HS	purple	290						✓		
11	40	WS										
12	40	HS	yellow	290						✓		
13	33	WS										
14	33	HS	W	290			673	539	✓	✓	✓	
15	33	DC										
16	20	HS	orange	290						✓		
17	20	WS										
18	10	HS	blue	290						✓		
19	10	WS										
20	surf											
21		DC										
22												
23		WS										
24	↓	25 HS	green	290	290	290/290	674	548	✓	✓	✓	

Comments:

↳ B took a long time to filter

Sosik Lab - Sampling Sheet

Cruise: RBI904

Cast: 114

Station: A14

Date (UTC): 2019 05 24

Station Depth: 689

Start Time (UTC): 20:40

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	300									✓		
2	250									✓		
3	200									✓		
4	150									✓		
5	120									✓		
6	100	WS								✓		
7	80	WS								✓		
8	80											
9	60	WS										
10	60	HS	orange	290						✓		
11	40	WS										
12	40	HS	yellow	290					✓	✓		
13	30	WS										
14	30	HS	blue	290						✓		
15	25	WS										
16	25	HS	M	290			675	539	✓	✓	✓	
17	25	DC										
18	10	HS	purple	290			676	540	✓	✓	✓	
19	10	WS										
20	surf											
21		DC										
22												
23		WS										
24	↓	25 HS	green	290	290	290 B: 277	677/678	548/549	✓	✓	✓	

Comments:

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 115

Station: A13

Date (UTC): 2019 05 24

Start Time (UTC): 22:19

Station Depth: 453

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	300									✓		
2	250									✓		
3	200									✓		
4	150									✓		
5	120									✓		
6	100	WS								✓		
7	80	WS								✓		
8	80											
9	60	WS										
10	60	HS	yellow	290						✓		
11	45	WS										
12	45	HS	orange	290						✓		
13	30	WS										
14	30	HS	blue	290						✓		
15	20	WS HS	M	290			679	539		✓		
16	20	DC										
17	10											
18	10	HS	purple	290						✓		
19	10	WS										
20	surf											
21		DC										
22												
23		WS										
24	↓	WS HS	green	290	290	290 290	680	548		✓		

Comments: new <10h nitex mesh on filter
 one of sid chat very small inactive hole in center of filter must be forceps
 falling on it? not sure if lost some particles thru it

Sosik Lab - Sampling Sheet

Cruise: RR1904

Cast: 116

Station: A12

Date (UTC): 2019 05 24

Start Time (UTC): 23:48

Station Depth: 268

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	250									✓		
2	200									✓		
3	150									✓		
4	120									✓		
5	100	WS								✓		
6	80	HS	red	290								
7	80	WS								✓		
8	60	HS	yellow	290						✓		
9	60	WS										
10	40	HS	orange	290						✓		
11	40	WS										
12	30	HS	blue	290						✓		
13	30	WS										
14	20	HS	purple	290						✓		
15	20	WS										
16	13	HS	M	290			681	539	✓	✓	✓	
17	13	WS										
18	5	HS	red	290						✓		
19	5											
20	5											
21	surf											
22		25 HS	green	290	290	290/290	682	548	✓	✓	✓	
23		WS										
24	↓	DC										

Comments: _____

Sosik Lab - Sampling Sheet

Cruise: RR1904

Cast: 117

Station: All

Date (UTC): 2019 05 25

Start Time (UTC): 01:06

Station Depth: 152

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	140									✓		
2	120									✓		
3	100	WS								✓		
4	80	WS								✓		
5	60	WS										
6	60	HS	yellow	290						✓		
7	40	WS										
8	40	HS	orange	290						✓		
9	30	WS										
10	30	HS	blue	290						✓		
11	20	WS										
12	20	HS	purple	290						✓		
13	15	WS										
14	15	HS	M	290			683	539	✓	✓	✓	
15	surf	WS										
16		HS	green	290	290	290/290	684	548	✓	✓	✓	
17		PC										
18	↓											
19												
20												
21												
22												
23												
24												

Comments: _____

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 118

Station: A10

Date (UTC): 2019 05 25

Station Depth: 138

Start Time (UTC): _____

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	128									✓		
2	100	WS								✓		
3	80	WS								✓		
4	60	HS	yellow							✓		
5	60	WS										
6	36	HS	m	290			685 686	539 539		✓		
7	36	WS										
8	36	DC										
9	30	WS										
10	30	HS	orange	290						✓		
11	20	WS										
12	20	HS	blue	290						✓		
13	10	WS										
14	10	HS	purple	290						✓		
15	surf	WS										
16		25 HS	green	290	290	290 290	687	548		✓		
17		DC										
18	↓											
19												
20												
21												
22												
23												
24												

Comments: _____

Sosik Lab - Sampling Sheet

Cruise: RB1904

Cast: 119

Station: A8

Date (UTC): 2019 05 24

Start Time (UTC): 03:21

Station Depth: 123

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1	112									✓		
2	100	WS								✓		
3	80	WS								✓		
4	60	HS	yellow	290						✓		
5	60	WS										
6	40	HS	orange	290						✓		
7	40	WS										
8	30	HS	blue	290						✓		
9	30	WS										
10	22	HS	w	290			688	539	✓	✓	✓	
11	22	WS										
12	22	DC										
13	10	WS										
14	10	HS	purple	290						✓		
15	surf	WS										
16		2S HS	green	290	290	290 290	689	548	✓	✓	✓	
17												
18		DC										
19												
20												
21												
22												
23												
24												

Comments: _____

Sosik Lab - Sampling Sheet

Cruise: _____

Cast: _____

Station: _____

Date (UTC): _____

Start Time (UTC): _____

Station Depth: _____

Niskin	Depth	Lab	Tape Color	Chl a Vol Filt	Chl b Vol Filt	Chl<10 Vols Filt	HPLC ID	HPLC Vol Filt	FCM (F/R)	Nut	IFCB	Comments
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Comments: _____